

Notice of Allowability

Application No.

10/784,407

Applicant(s)

BUSSKAMP ET AL.

Examiner

Robert H Muromoto, Jr.

Art Unit

3765

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to interview dated 4/6/2005.
2. ☒ The allowed claim(s) is/are 20-38.
3. ☒ The drawings filed on 09 June 2004 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☒ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date 1/6/2005
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date 4/6/2005.
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Monte Falcoff on 4/6/2005.

The application has been amended as follows:

In The Claims

Cancel claims 1-19.

Add new claims 20-38 as follows:

- - 20. A method of producing woven air bags, more particularly configured multiply in part, comprising the steps:
 - a) preparing the warp threads in the warping shop so that warp threads suitable as machine-readable markers are already included in the warp,
 - b) weaving the air bag fabric so that weft threads suitable as machine-readable markers are included in the weave of at least part of the cloth width,
 - c) cutting out the air bag from the air bag fabric guided by said machine-readable markers included in the weave, and
 - d) performing said cutting regardless of the fabric positioning immediately prior to said cutting.

Art Unit: 3765

21. The method of claim 20, whereas colored warp and weft threads are included in the weave.

22. The method of claim 20, whereas conductive warp and weft threads are included in the weave.

23. The method of Claim 20, further comprising making a one-piece-woven airbag.

24. The method of Claim 20, further comprising automatically varying said cutting based at least in part on said machine-readable markers.

25. The method of Claim 20, further comprising printing said machine-readable markers onto a contoured surface of the airbag fabric.

26. The method of Claim 20, wherein the threads that define the machine-readable markers are of a different material than those of the remainder of airbag fabric.

27. A method of manufacturing an inflatable safety device, the method comprising:

- a) creating a fiducial indication on at least one thread;
- b) weaving together multiple threads,
- c) automatically varying a cutting action of the woven threads based, at least in part, on the fiducial indication, and

Art Unit: 3765

d) adapting the cutting to account for deviations in dimensions of the woven threads.

28. The method of Claim 27, further comprising creating an airbag from the woven threads.

29. The method of Claim 27, further comprising creating a multi-ply safety device.

30. The method of Claim 27, further comprising printing the fiducial indications onto a contoured surface of the woven threads.

31. The method of Claim 27, wherein the threads with the fiducial indication is of a different material than the remainder of the woven threads.

32. The method of Claim 27, further comprising making a one-piece-woven airbag with multiples of the fiducial indication extending in differing directions.

33. The method of Claim 27, wherein the weaving step occurs after the creating step.

34. A method of producing woven air bags, more particularly configured multi-ply in part, comprising the steps:

- a) preparing the warp threads in the warping shop so that warp threads suitable as machine-readable markers are already included in the warp,
- b) weaving the air bag fabric so that weft threads suitable as machine-readable markers are included in the weave of at least part of the cloth width,
- c) cutting out the air bag from the air bag fabric guided by said machine-readable markers included in the weave, and
- d) adapting said cutting to account for deviations in dimensions of the airbag fabric.

35. The method of Claim 34, further comprising making a one-piece-woven airbag.

36. The method of Claim 34, further comprising automatically varying said cutting based at least in part on said machine-readable markers.

37. The method of Claim 34, further comprising printing said machine-readable markers onto a contoured surface of the airbag fabric.

38. The method of Claim 34, wherein the threads that define the machine-readable markers are of a different material than those of the remainder of airbag fabric. - -


Art Unit: 3765

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Robert H Muromoto, Jr. whose telephone number is 571-272-4991. The examiner can normally be reached on 8-530, M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Calvert can be reached on 703-305-1025. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Bhm
April 6, 2005



JOHN S. CALVERT
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 3700